

Converting Colors

CIELCh(70, 5.058, 25.741)

Have a look what the booklet for
CIELCh(70, 5.058, 25.741) contains.

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Color

CIELCh(70, 5.012, 25.979)

Conversions

Conversions Part 1

Format	Color
Hex	B5A8A7
RGB	181, 168, 167
RGB Percent	71%, 66%, 65%
CMY	0.2892, 0.3402, 0.3441
CMYK	0.00, 0.07, 0.08, 0.29
HSL	4°, 9%, 68%
HSV	4°, 8%, 71%
XYZ	40.1606, 40.7494, 42.4274
YIQ	171.7730, 8.0690, 2.4450

Conversions

Conversions Part 2

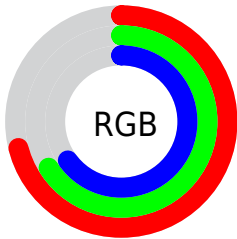
Format	Color
RYB	181, 168, 167
Decimal	11905191
CIELab	70.00, 4.51, 2.20
CIELCh	70, 5.012, 25.979
Yxy	40.7494, 0.3256, 0.3304
Android (android.graphics.Color)	4290095271 (0xFFB5A8A7)
YUV	171.7730, -2.3531, 8.0921
Hunter-Lab	63.8353, 0.5878, 5.2783

Details

The CIELCh color $70, 5.012, 25.979$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $72, 4.772, 205.705$, and the grayscale version is $70, 0.009, 296.813$.

A 20% lighter version of the original color is $90, 5.101, 25.464$, and $50, 4.977, 26.599$ is the 20% darker color. If you saturate the color by 10%, you get $65, 11.972, 26.546$, and if you desaturate by 10%, it is $75, 1.417, 206.123$.

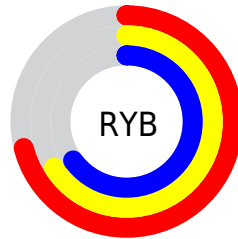
Distribution



Red (71%)

Green (66%)

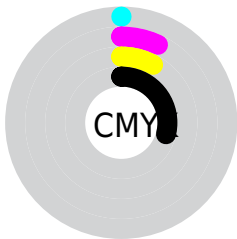
Blue (65%)



Red (71%)

Yellow (66%)

Blue (65%)

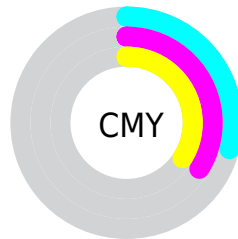


Cyan (0%)

Magenta (7%)

Yellow (8%)

Black (29%)



Cyan (29%)

Magenta (34%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the CIELCh color 70, 5.012, 25.979 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 70, 5.012, 25.979 by changing the saturation by 10% instead.

■ 70, 5.012, 25.979

■ 70, 5.012, 25.979

■ 100, 5.012, 25.979

■ 60, 5.012, 25.979

■ 90, 5.012, 25.979

■ 50, 5.012, 25.979

■ 40, 5.012, 25.979

■ 30, 5.012, 25.979

■ 20, 5.012, 25.979

■ 10, 5.012, 25.979

■ 0, 5.012, 25.979

■ 70, 5.012, 25.979

■ 70, 5.012, 25.979

■ 65, 11.972, 26.546

■ 75, 1.417, 206.123

61, 19.498, 27.235

80, 7.356, 205.589

56, 27.590, 28.160

85, 12.856,
205.400

52, 36.206, 29.395

90, 17.967,
205.289

48, 45.240, 31.017

45, 54.495, 33.079

95, 22.782,
201.430

42, 63.640, 35.539

95, 23.633,
197.960

40, 72.035, 38.105

38, 78.528, 40.176

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



70, 5.012, 25.979



72, 4.772, 205.705

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70, 5.012, 25.979



70, 5.012, 75.979



70, 5.012, 205.979



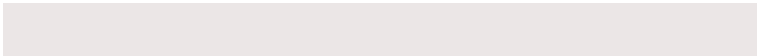
70, 5.012, 255.979

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



70, 5.011, 26.000



92, 1.564, 25.491



70, 8.902, 326.688



49, 0.888, 25.465



96, 0.011, 296.813



49, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



70, 5.011, 26.000



87, 7.241, 26.076



72, 4.879, 81.256



36, 3.738, 26.087



32, 70.899, 40.635



3, 10.102, 24.006

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



72, 4.772, 205.705



91, 6.831, 205.651



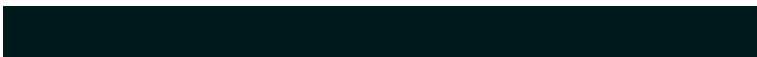
71, 4.835, 263.343



38, 3.521, 205.644



55, 31.677, 208.486



7, 9.443, 208.119

Previews

White Background



This preview shows how the CIELCh color 70, 5.012, 25.979 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the CIE LCh color 70, 5.012, 25.979 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

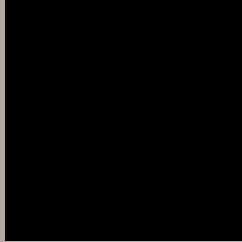
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 70, 5.012, 25.979

Background



This preview shows how black text looks on a background with the CIELCh color 70, 5.012, 25.979.



This preview shows how white text looks on a background with the CIELCh color 70, 5.012, 25.979.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

70, 5.012, 25.979

Protanopia

70, 2.181, 49.343

Deuteranopia

70, 8.933, 13.166



Tritanopia
70, 9.591, 332.351

Trichromacy



Original Color
70, 5.012, 25.979

Protanomaly
70, 3.092, 29.669

Deuteranomaly
70, 7.327, 15.734

Tritanomaly
70, 7.184, 342.503

Monochromacy



Original Color
70, 5.012, 25.979

Achromatopsia
70, 0.009, 296.813

Achromatomaly
70, 1.602, 39.113

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 70, 5.012, 25.979 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(181, 168, 167)` looks like.

```
.text, #text, p{  
    color:rgb(181, 168, 167)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(181, 168, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 168, 167) }
```

Border

The CSS property to change the border of an element to CIELCh 70, 5.012, 25.979 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 168, 167) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(181, 168, 167) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(181, 168, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 168, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 168, 167);  
box-shadow:4px 4px 4px 4px rgb(181, 168,  
167) }
```

Background

The CSS property to change the background color of an element to CIELCh 70, 5.012, 25.979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 168, 167) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(181,  
168, 167) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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